

Author's response to reviews

Title: No effects of GSM-modulated 900 MHz electromagnetic fields on survival rate and spontaneous development of lymphoma in female AKR/J mice.

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BMC Editorial Office via email

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Dear Mrs Puebla,

The enclosed manuscript entitled "No effects of GSM-modulated 900 MHz electromagnetic fields on survival rate and spontaneous development of lymphoma in female AKR/J mice" is enclosed and re-submitted for consideration for publication in BMC Cancer. The comments of the third referee are greatly appreciated since he/she has supported our view on the comments of the second referee. So, there is no need to perform an extra analysis of the SAR values over the entire 46 weeks, and likewise there is no need to describe the kinetics of tumour development. On the other hand, the comment of the referee to describe the exposure conditions and the way how the SAR calculations were performed was of great significance as well because we now have included the information in a way which will allow the readers to have a far better understanding than without this information.

The points of the referee 3 are addressed as follows:

- 1) A detailed description of the exposure system and a picture of the exposure system (Fig. 1a and b and Fig. 2).
- 2) The details of the exposure conditions (the synthetic GSM signal) is described and given in Fig. 3.
- 3) The way how the SAR calculations was performed is described in more detail, and Figs. 4 a and b illustrate the results of numeric calculations.
- 4) The possible mechanism by which the animals gained weight is discussed.

I hope that BioMed Central now finds the paper acceptable for publication, and I am looking forward to hear from you soon.

Sincerely,



(Prof. Dr. Alexander Lerchl)